

2021 JUN 23 PM 2:52



MISSISSIPPI STATE DEPARTMENT OF HEALTH

2020 CERTIFICATION**Consumer Confidence Report (CCR)****YOKENA JEFF DAVIS WATER DISTRICT***Public Water System Name*

0750011

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR.

CCR DISTRIBUTION (Check all boxes that apply.)

| INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other) | DATE ISSUED |
|--|-------------|
| <input type="checkbox"/> Advertisement in local paper (Attach copy of advertisement) | |
| <input checked="" type="checkbox"/> On water bills (Attach copy of bill) | 06/28/2021 |
| <input type="checkbox"/> Email message (Email the message to the address below) | |
| <input checked="" type="checkbox"/> Other Posted on Website and Homeowners page: <u>www.yokenajdwater.com & Yokena Jeff Davis Water District</u> | 06/02/2021 |
| DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other) | DATE ISSUED |
| <input type="checkbox"/> Distributed via U. S. Postal Mail | |
| <input type="checkbox"/> Distributed via E-Mail as a URL (Provide Direct URL): _____ | |
| <input type="checkbox"/> Distributed via E-Mail as an attachment | |
| <input type="checkbox"/> Distributed via E-Mail as text within the body of email message | |
| <input type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication) | |
| <input checked="" type="checkbox"/> Posted in public places (attach list of locations) Posted outside office in locked message board | 06/10/2021 |
| <input checked="" type="checkbox"/> Posted online at the following address (Provide Direct URL): <u>http://yokenajdwater.com/CCR%20Report.pdf</u> | 06/02/2021 |

CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply.

SARAH FARRELL
Name

ACCOUNTANT
Title

06/10/2021
Date

SUBMISSION OPTIONS (Select one method ONLY)

You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576-7800

(NOT PREFERRED)

CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021

Copy of Consumer Confidence Report

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies. Last year, we conducted tests for over 80 contaminants. We only detected 10 of those contaminants, and found only 1 at a level higher than the EPA allows. As we informed you at the time, our water temporarily exceeded drinking water standards. (For more information see the section labeled Violations at the end of the report.)

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

All water is purchased from The City of Vicksburg.

Source water assessment and its availability

Source water assessment would have to be obtained from The City of Vicksburg

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small

amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity:

microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

Get involved by participating in election of our Board of Directors or by serving as a board member. All board members serve on a volunteer basis and are held personally responsible for decisions made pertaining to the district.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Yokena Jeff Davis Water Dist. Inc. is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

| Contaminants | MCLG or MRDLG | MCL, TT, or MRDL | Detect In Your Water | Range | | Sample Date | Violation | Typical Source |
|---|---------------------|------------------------|-------------------------------|-------|------|----------------|-----------|---|
| | | | | Low | High | | | |
| Disinfectants & Disinfection By-Products | | | | | | | | |
| (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants) | | | | | | | | |
| Chlorine (as Cl ₂) (ppm) | 4 | 4 | 1.6 | .59 | 2.70 | 2020 | No | Water additive used to control microbes |
| Haloacetic Acids (HAA5) (ppb) | NA | 60 | 28 | 13 | 36 | 2020 | No | By-product of drinking water chlorination |
| TTHMs [Total Trihalomethanes] (ppb) | NA | 80 | 90 | 47.6 | 104 | 2020 | Yes | By-product of drinking water disinfection |
| Inorganic Contaminants | | | | | | | | |

| Contaminants | MCLG or MRDLG | MCL, TT, or MRDL | Detect In Your Water | Range | | Sample Date | Violation | Typical Source |
|----------------|---------------------|------------------------|-------------------------------|-------|------|----------------|-----------|--|
| | | | | Low | High | | | |
| Arsenic (ppb) | 0 | 10 | 1.4 | NA | NA | 2020 | No | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes monitored by The City of Vicksburg. |
| Barium (ppm) | 2 | 2 | .0234 | NA | NA | 2020 | No | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits monitored by City of Vicksburg |
| Chromium (ppb) | 100 | 100 | 3.1 | NA | NA | 2020 | No | Discharge from steel and pulp mills; Erosion of natural deposits monitored by City of Vicksburg |
| Fluoride (ppm) | 4 | 4 | .663 | NA | NA | 2020 | No | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories monitored by City of Vicksburg |

Radioactive Contaminants

| | | | | | | | | |
|--------------------------------------|---|---|-----|----|----|------|----|--|
| Radium (combined 226/228) (pCi/L) | 0 | 5 | .27 | NA | NA | 2020 | No | Yokena Jeff Davis purchases water from The City of Vicksburg Radium 226 is listed on their CCR as a monitored contaminant. Likely source is listed as erosion of natural deposits. |
|--------------------------------------|---|---|-----|----|----|------|----|--|

| Contaminants | MCLG | AL | Your Water | Sample Date | # Samples Exceeding AL | Exceeds AL | Typical Source |
|--------------|------|----|---------------|----------------|------------------------------|---------------|----------------|
|--------------|------|----|---------------|----------------|------------------------------|---------------|----------------|

Inorganic Contaminants

| | | | | | | | |
|---|-----|-----|-------|------|----|----|--|
| Copper - action level at consumer taps (ppm) | 1.3 | 1.3 | .0335 | 2020 | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |
| Lead - action level at consumer taps (ppb) | 0 | 15 | .0005 | 2020 | ND | No | |

Violations and Exceedances

TTHMs [Total Trihalomethanes]

Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer. violation occurred 3rd qtr 2020 and was corrected before 4th qtr testing took place flushed dead end line on highway 61 south

| Unit Descriptions | |
|-------------------|--|
| Term | Definition |
| ppm | ppm: parts per million, or milligrams per liter (mg/L) |
| ppb | ppb: parts per billion, or micrograms per liter (µg/L) |
| pCi/L | pCi/L: picocuries per liter (a measure of radioactivity) |
| NA | NA: not applicable |
| ND | ND: Not detected |
| NR | NR: Monitoring not required, but recommended. |

| Important Drinking Water Definitions | |
|--------------------------------------|---|
| Term | Definition |
| MCLG | MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. |
| MCL | MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. |
| TT | TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water. |
| AL | AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. |
| Variances and Exemptions | Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions. |
| MRDLG | MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants. |
| MRDL | MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants. |
| MNR | MNR: Monitored Not Regulated |
| MPL | MPL: State Assigned Maximum Permissible Level |

For more information please contact:

Contact Name: Wayne Muirhead
Address: 4865 Jeff Davis Rd
Vicksburg, Ms. 39180
Phone: 601-634-0076

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

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For more information please contact:

Contact Name: Wayne Muirhead
Address: 4865 Jeff Davis Rd
Vicksburg, Ms. 39180
Phone: 601-634-0076

ACCOUNT NO. 020649000 SERVICE FROM 05/18 SERVICE TO 06/18
 SERVICE ADDRESS 1016 BURNTHOUSE RD
 1016 BURNTHOUSE RD
 VICKSBURG, MS 39180-8495
 74302 73942 360
 CHARGE FOR SERVICE
 WTR
 NET DUE >>> 55.55
 SAVE THIS >> 5.56
 GROSS DUE >> 61.11

RETURN THIS STUB WITH PAYMENT TO
 Quality YOKEMA JEFF DAVIS WATER DISTRICT, INC.
 1016 BURNTHOUSE RD
 VICKSBURG, MS 39180-8495
 PAY NET AMOUNT 55.55
 DUE DATE 07/15/2021
 yokenajdwater.com/CCR420Report
 pdf URL LINK CCR Report
 RETURN SERVICE REQUESTED

ACCOUNT NO. 020649000 SERVICE FROM 05/18 SERVICE TO 06/18
 SERVICE ADDRESS 1320 BURNTHOUSE ROAD
 1320 BURNTHOUSE ROAD
 VICKSBURG, MS 39180-8438
 9662 9314 348
 CHARGE FOR SERVICE
 WTR
 NET DUE >>> 53.99
 SAVE THIS >> 5.40
 GROSS DUE >> 59.39

RETURN THIS STUB WITH PAYMENT TO
 Quality YOKEMA JEFF DAVIS WATER DISTRICT, INC.
 1016 BURNTHOUSE RD
 VICKSBURG, MS 39180-8495
 PAY NET AMOUNT 53.99
 DUE DATE 07/15/2021
 yokenajdwater.com/CCR420Report
 pdf URL LINK CCR Report
 RETURN SERVICE REQUESTED

ACCOUNT NO. 020651000 SERVICE FROM 05/18 SERVICE TO 06/18
 SERVICE ADDRESS 209 CALVIN RD
 209 CALVIN RD
 VICKSBURG, MS 39180-8950
 50057 49707 350
 CHARGE FOR SERVICE
 WTR
 NET DUE >>> 54.25
 SAVE THIS >> 5.43
 GROSS DUE >> 132.51

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 PAY NET AMOUNT 54.25
 DUE DATE 07/15/2021
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 pdf URL LINK CCR Report
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ACCOUNT NO. 020651000 SERVICE FROM 05/18 SERVICE TO 06/18
 SERVICE ADDRESS 214 SIGNAL HILL DR
 214 SIGNAL HILL DR
 VICKSBURG, MS 39180-8950
 50057 49707 350
 CHARGE FOR SERVICE
 WTR
 NET DUE >>> 54.25
 SAVE THIS >> 5.43
 GROSS DUE >> 132.51

RETURN THIS STUB WITH PAYMENT TO
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Pay window

Additional Information for Arsenic

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and conductivity problems.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

| Contaminant | HCLO NBS/C | HCL T, 47 NBS/C | Sum in Year Low | Range High | Sum in Year Low | Sum in Year High | Typical Source |
|---|---------------|-----------------------|--------------------------|---------------|--------------------------|---------------------------|----------------|
| Chlorine & Disinfection By-Products | | | | | | | |
| (There is no monitoring required for chlorine or its disinfection by-products for control of microbial contamination) | | | | | | | |
| Chlorine (as Cl ₂) (ppm) | 4 | 4 | 1.6 | 28 | 2.70 | 3020 | No |
| Halocarbon Acids (MAAD) (ppm) | NA | NA | 28 | 83 | 38 | 2520 | No |
| Trihalo Methyl (THM) (ppm) | NA | 50 | NA | 17.6 | 106 | 2820 | Yes |
| Organic Contaminants | | | | | | | |

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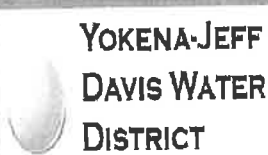
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|--|---------------------|------------------------|-------------------------------|-------|------|----------------|------------|---|
| | | | | Low | High | | | |
| Disinfectants & Disinfection By-Products | | | | | | | | |
| <i>(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)</i> | | | | | | | | |
| Chlorine (as Cl ₂) (ppm) | 4 | 4 | 1.6 | 59 | 2.70 | 2020 | No | Water additive used to control microbes |
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| THMAs (Total Trihalomethanes) (ppb) | NA | 80 | 90 | 47.6 | 104 | 2020 | Yes | By-product of drinking water disinfection |
| Inorganic Contaminants | | | | | | | | |

Water District Home Page

(12 unread) - yokena_jeffdavis X Yokena-Jeff Davis Water District C X +

Yokena-Jeff Davis Water District C X +



4865 Jeff Davis Road, Vicksburg, MS 39180
E-Mail: Yokena_jeffdaviswater@yahoo.com
(601) 634-0765

Robert Greer, President
Plant Operator, Wayne Muirhead

Home



Business Hours
9:00 a.m. - 2:00 p.m.
Monday-Friday

[Member Application](#)

[Commercial User Application](#)

[Payment Options](#)

[Service Fees](#)

[2020 CCR Report](#)

For general information contact Brooke Marshall at 601-634-0076 or yokena_jeffdaviswater@yahoo.com

To report leaks or other technical issues, please contact Wayne Muirhead at 601-831-0073.

NOTE:

The only authorized party to accept online payments on our behalf is BBI through the EZPay System at the link below or on the Payment



About Yokena-Jeff Davis Water District

Cutoff/Lock Date
29th Day of Each Month @ Noon
If 29th on weekend, then following Monday

Providing good, clean, safe drinking water for the communities of Yokena and Jeff Davis.

The Yokena-Jeff Davis Water District is a non-profit organization. The seal reads, "Non-stock organization." Reasonable access of water is supplied to our community.

Type here to search



74°F Watch 1:44 PM 6/9/2021



Yokena-Jeff Davis Water District

Published by Sarah Farrell · June 2 at 7:20 PM ·



We are pleased to provide our 2020 CCR REPORT (Consumer Confidence Report) This report covers period January 1, 2020 through December 31, 2020.

Please click on the link below to review the report.

If you should have questions, please direct them to Wayne Muirhead at 601/634-0076.

<http://yokenajdwater.com/CCR%20Report.pdf>

YOKENAJDWATER.COM

yokenajdwater.com



3



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